

## SEQUENCE LISTING

&lt;110&gt; INCYTE PHARMACEUTICALS, INC.

TANG, Y. Tom

LAL, Preeti

BANDMAN, Olga

YUE, Henry

CORLEY, Neil C.

GUEGLER, Karl J.

GORGONE, Gina A.

BAUGHN, Mariah R.

PATTERSON, Chandra

&lt;120&gt; PROTEIN TRANSPORT-ASSOCIATED MOLECULES

&lt;130&gt; PF-0577.PCT

&lt;140&gt; To Be Assigned

&lt;141&gt; Herewith

&lt;150&gt; 60/098,206

&lt;151&gt; 1998-08-27

&lt;160&gt; 16

&lt;170&gt; PERL Program

&lt;210&gt; 1

&lt;211&gt; 480

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte ID No:012033CD1

&lt;400&gt; 1

Met	Arg	Phe	Val	Val	Ala	Leu	Val	Leu	Leu	Asn	Val	Ala	Ala	Ala
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Gly	Ala	Val	Pro	Leu	Leu	Ala	Thr	Glu	Ser	Val	Lys	Gln	Glu	Glu
				20					25					30
Ala	Gly	Val	Arg	Pro	Ser	Ala	Gly	Asn	Val	Ser	Thr	His	Pro	Ser
				35					40					45
Leu	Ser	Gln	Arg	Pro	Gly	Gly	Ser	Thr	Lys	Ser	His	Pro	Glu	Pro
				50					55					60
Gln	Thr	Pro	Lys	Asp	Ser	Pro	Ser	Lys	Ser	Ser	Ala	Glu	Ala	Gln
				65					70					75
Thr	Pro	Glu	Asp	Thr	Pro	Asn	Lys	Ser	Gly	Ala	Glu	Ala	Lys	Thr
				80					85					90
Gln	Lys	Asp	Ser	Ser	Asn	Lys	Ser	Gly	Ala	Glu	Ala	Lys	Thr	Gln
				95					100					105
Lys	Gly	Ser	Thr	Ser	Lys	Ser	Gly	Ser	Glu	Ala	Gln	Thr	Thr	Lys
				110					115					120
Asp	Ser	Thr	Ser	Lys	Ser	His	Ser	Glu	Leu	Gln	Thr	Pro	Lys	Asp
				125					130					135

Ser Thr Gly Lys Ser Gly Ala Glu Ala Gln Thr Pro Glu Asp Ser  
 140 145 150  
 Pro Asn Arg Ser Gly Ala Glu Ala Lys Thr Gln Lys Asp Ser Pro  
 155 160 165  
 Ser Lys Ser Gly Ser Glu Ala Gln Thr Thr Lys Asp Val Pro Asn  
 170 175 180  
 Lys Ser Gly Ala Asp Gly Gln Thr Pro Lys Asp Gly Ser Ser Lys  
 185 190 195  
 Ser Gly Ala Glu Asp Gln Thr Pro Lys Asp Val Pro Asn Lys Ser  
 200 205 210  
 Gly Ala Glu Lys Gln Thr Pro Lys Asp Gly Ser Asn Lys Ser Gly  
 215 220 225  
 Ala Glu Glu Gln Gly Pro Ile Asp Gly Pro Ser Lys Ser Gly Ala  
 230 235 240  
 Glu Glu Gln Thr Ser Lys Asp Ser Pro Asn Lys Val Val Pro Glu  
 245 250 255  
 Gln Pro Ser Arg Lys Asp His Ser Lys Pro Ile Ser Asn Pro Ser  
 260 265 270  
 Asp Asn Lys Glu Leu Pro Lys Ala Asp Thr Asn Gln Leu Ala Asp  
 275 280 285  
 Lys Gly Lys Leu Ser Pro His Ala Phe Lys Thr Glu Ser Gly Glu  
 290 295 300  
 Glu Thr Asp Leu Ile Ser Pro Pro Gln Glu Glu Val Lys Ser Ser  
 305 310 315  
 Glu Pro Thr Glu Asp Val Glu Pro Lys Glu Ala Glu Asp Asp Asp  
 320 325 330  
 Thr Gly Pro Glu Glu Gly Ser Pro Pro Lys Glu Glu Lys Glu Lys  
 335 340 345  
 Met Ser Gly Ser Ala Ser Ser Glu Asn Arg Glu Gly Thr Leu Ser  
 350 355 360  
 Asp Ser Thr Gly Ser Glu Lys Asp Asp Leu Tyr Pro Asn Gly Ser  
 365 370 375  
 Gly Asn Gly Ser Ala Glu Ser Ser His Phe Phe Ala Tyr Leu Val  
 380 385 390  
 Thr Ala Ala Ile Leu Val Ala Val Leu Tyr Ile Ala His His Asn  
 395 400 405  
 Lys Arg Lys Ile Ile Ala Phe Val Leu Glu Gly Lys Arg Ser Lys  
 410 415 420  
 Val Thr Arg Arg Pro Lys Ala Ser Asp Tyr Gln Arg Leu Asp Gln  
 425 430 435  
 Lys Tyr Val Leu Ile Leu Asn Val Phe Pro Ala Pro Pro Lys Arg  
 440 445 450  
 Ser Phe Leu Pro Gln Val Leu Thr Glu Trp Tyr Ile Pro Leu Glu  
 455 460 465  
 Lys Asp Glu Arg His Gln Trp Ile Val Leu Leu Ser Phe Gln Leu  
 470 475 480

<210> 2

<211> 140

<212> PRT

<213> Homo sapiens

<220> .

<221> misc\_feature

<223> Incyte ID No:1209687CD1

<400> 2

Met Ala Ser Val Asp Phe Lys Thr Tyr Val Asp Gln Ala Cys Arg  
 1 5 10 15  
 Ala Ala Glu Glu Phe Val Asn Val Tyr Tyr Thr Thr Met Asp Lys  
 20 25 30  
 Arg Arg Arg Leu Leu Ser Arg Leu Tyr Met Gly Thr Ala Thr Leu  
 35 40 45  
 Val Trp Asn Gly Asn Ala Val Ser Gly Gln Glu Ser Leu Ser Glu  
 50 55 60  
 Phe Phe Glu Met Leu Pro Ser Ser Glu Phe Gln Ile Ser Val Val  
 65 70 75  
 Asp Cys Gln Pro Val His Asp Glu Ala Thr Pro Ser Gln Thr Thr  
 80 85 90  
 Val Leu Val Val Ile Cys Gly Ser Val Lys Phe Glu Gly Asn Lys  
 95 100 105  
 Gln Arg Asp Phe Asn Gln Asn Phe Ile Leu Thr Ala Gln Ala Ser  
 110 115 120  
 Pro Ser Asn Thr Val Trp Lys Ile Ala Ser Asp Cys Phe Arg Phe  
 125 130 135  
 Gln Asp Trp Ala Ser  
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<210> 3

<211> 519

<212> PRT

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Incyte ID No:1717058CD1

<400> 3

Met Ala Ala Glu Arg Glu Pro Pro Pro Leu Gly Asp Gly Lys Pro  
 1 5 10 15  
 Thr Asp Phe Glu Asp Leu Glu Asp Gly Glu Asp Leu Phe Thr Ser  
 20 25 30  
 Thr Val Ser Thr Leu Glu Ser Ser Pro Ser Ser Pro Glu Pro Ala  
 35 40 45  
 Ser Leu Pro Ala Glu Asp Ile Ser Ala Asn Ser Asn Gly Pro Lys  
 50 55 60  
 Pro Thr Glu Val Val Leu Asp Asp Asp Arg Glu Asp Leu Phe Ala  
 65 70 75  
 Glu Ala Thr Glu Glu Val Ser Leu Asp Ser Pro Glu Arg Glu Pro  
 80 85 90  
 Ile Leu Ser Ser Glu Pro Ser Pro Ala Val Thr Pro Val Thr Pro  
 95 100 105  
 Thr Thr Leu Ile Ala Pro Arg Ile Glu Ser Lys Ser Met Ser Ala  
 110 115 120  
 Pro Val Ile Phe Asp Arg Ser Arg Glu Glu Ile Glu Glu Glu Ala  
 125 130 135  
 Asn Gly Asp Ile Phe Asp Ile Glu Ile Gly Val Ser Asp Pro Glu  
 140 145 150

Lys Val Gly Asp Gly Met Asn Ala Tyr Met Ala Tyr Arg Val Thr  
 155 160 165  
 Thr Lys Thr Ser Leu Ser Met Phe Ser Lys Ser Glu Phe Ser Val  
 170 175 180  
 Lys Arg Arg Phe Ser Asp Phe Leu Gly Leu His Ser Lys Leu Ala  
 185 190 195  
 Ser Lys Tyr Leu His Val Gly Tyr Ile Val Pro Pro Ala Pro Glu  
 200 205 210  
 Lys Ser Ile Val Gly Met Thr Lys Val Lys Val Gly Lys Glu Asp  
 215 220 225  
 Ser Ser Ser Thr Glu Phe Val Glu Lys Arg Arg Ala Ala Leu Glu  
 230 235 240  
 Arg Tyr Leu Gln Arg Thr Val Lys His Pro Thr Leu Leu Gln Asp  
 245 250 255  
 Pro Asp Leu Arg Gln Phe Leu Glu Ser Ser Glu Leu Pro Arg Ala  
 260 265 270  
 Val Asn Thr Gln Ala Leu Ser Gly Ala Gly Ile Leu Arg Met Val  
 275 280 285  
 Asn Lys Ala Ala Asp Ala Val Asn Lys Met Thr Ile Lys Met Asn  
 290 295 300  
 Glu Ser Asp Ala Trp Phe Glu Glu Lys Gln Gln Gln Phe Glu Asn  
 305 310 315  
 Leu Asp Gln Gln Leu Arg Lys Leu His Val Ser Val Glu Ala Leu  
 320 325 330  
 Val Cys His Arg Lys Glu Leu Ser Ala Asn Thr Ala Ala Phe Ala  
 335 340 345  
 Lys Ser Ala Ala Met Leu Gly Asn Ser Glu Asp His Thr Ala Leu  
 350 355 360  
 Ser Arg Ala Leu Ser Gln Leu Ala Glu Val Glu Glu Lys Ile Asp  
 365 370 375  
 Gln Leu His Gln Glu Gln Ala Phe Ala Asp Phe Tyr Met Phe Ser  
 380 385 390  
 Glu Leu Leu Ser Asp Tyr Ile Arg Leu Ile Ala Ala Val Lys Gly  
 395 400 405  
 Val Phe Asp His Arg Met Lys Cys Trp Gln Lys Trp Glu Asp Ala  
 410 415 420  
 Gln Ile Thr Leu Leu Lys Lys Arg Glu Ala Glu Ala Lys Met Met  
 425 430 435  
 Val Ala Asn Lys Pro Asp Lys Ile Gln Gln Ala Lys Asn Glu Ile  
 440 445 450  
 Arg Glu Trp Glu Ala Lys Val Gln Gln Gly Glu Arg Asp Phe Glu  
 455 460 465  
 Gln Ile Ser Lys Thr Ile Arg Lys Glu Val Gly Arg Phe Glu Lys  
 470 475 480  
 Glu Arg Val Lys Asp Phe Lys Thr Val Ile Ile Lys Tyr Leu Glu  
 485 490 495  
 Ser Leu Val Gln Thr Gln Gln Gln Leu Ile Lys Tyr Trp Glu Ala  
 500 505 510  
 Phe Leu Pro Glu Ala Lys Ala Ile Ala  
 515

<210> 4  
 <211> 613

<212> PRT

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Incyte ID No:1749964CD1

<400> 4

Met Ala Ala Thr Ala Val Ala Ala Ala Val Ala Gly Thr Glu Ser  
 1 5 10 15  
 Ala Gln Gly Pro Pro Gly Pro Ala Ala Ser Leu Glu Leu Trp Leu  
 20 25 30  
 Asn Lys Ala Thr Asp Pro Ser Met Ser Glu Gln Asp Trp Ser Ala  
 35 40 45  
 Ile Gln Asn Phe Cys Glu Gln Val Asn Thr Asp Pro Asn Gly Pro  
 50 55 60  
 Thr His Ala Pro Trp Leu Leu Ala His Lys Ile Gln Ser Pro Gln  
 65 70 75  
 Glu Lys Glu Ala Leu Tyr Ala Leu Thr Val Leu Glu Met Cys Met  
 80 85 90  
 Asn His Cys Gly Glu Lys Phe His Ser Glu Val Ala Lys Phe Arg  
 95 100 105  
 Phe Leu Asn Glu Leu Ile Lys Val Leu Ser Pro Lys Tyr Leu Gly  
 110 115 120  
 Ser Trp Ala Thr Gly Lys Val Lys Gly Arg Val Ile Glu Ile Leu  
 125 130 135  
 Phe Ser Trp Thr Val Trp Phe Pro Glu Asp Ile Lys Ile Arg Asp  
 140 145 150  
 Ala Tyr Gln Met Leu Lys Lys Gln Gly Ile Ile Lys Gln Asp Pro  
 155 160 165  
 Lys Leu Pro Val Asp Lys Ile Leu Pro Pro Pro Ser Pro Trp Pro  
 170 175 180  
 Lys Ser Ser Ile Phe Asp Ala Asp Glu Glu Lys Ser Lys Leu Leu  
 185 190 195  
 Thr Arg Leu Leu Lys Ser Asn His Pro Glu Asp Leu Gln Ala Ala  
 200 205 210  
 Asn Arg Leu Ile Lys Asn Leu Val Lys Glu Glu Gln Glu Lys Ser  
 215 220 225  
 Glu Lys Val Ser Lys Arg Val Ser Ala Val Glu Glu Val Arg Ser  
 230 235 240  
 His Val Lys Val Leu Gln Glu Met Leu Ser Met Tyr Arg Arg Pro  
 245 250 255  
 Gly Gln Ala Pro Pro Asp Gln Glu Ala Leu Gln Val Val Tyr Glu  
 260 265 270  
 Arg Cys Glu Lys Leu Arg Pro Thr Leu Phe Arg Leu Ala Ser Asp  
 275 280 285  
 Thr Thr Asp Asp Asp Asp Ala Leu Ala Glu Ile Leu Gln Ala Asn  
 290 295 300  
 Asp Leu Leu Thr Gln Gly Val Leu Leu Tyr Lys Gln Val Met Glu  
 305 310 315  
 Gly Arg Val Thr Phe Gly Asn Arg Val Thr Ser Ser Leu Gly Asp  
 320 325 330  
 Ile Pro Val Ser Arg Val Phe Gln Asn Pro Ala Gly Cys Met Lys  
 335 340 345  
 Thr Cys Pro Leu Ile Asp Leu Glu Val Asp Asn Gly Pro Ala Gln  
 350 355 360

Met Gly Thr Val Val Pro Ser Leu Leu His Gln Asp Leu Ala Ala  
365 370 375  
Leu Gly Ile Ser Asp Ala Pro Val Thr Gly Met Val Ser Gly Gln  
380 385 390  
Asn Cys Cys Glu Glu Lys Arg Asn Pro Ser Ser Ser Thr Leu Pro  
395 400 405  
Gly Gly Gly Val Gln Asn Pro Ser Ala Asp Arg Asn Leu Leu Asp  
410 415 420  
Leu Leu Ser Ala Gln Pro Ala Pro Cys Pro Leu Asn Tyr Val Ser  
425 430 435  
Gln Lys Ser Val Pro Lys Glu Val Pro Pro Gly Thr Lys Ser Ser  
440 445 450  
Pro Gly Trp Ser Trp Glu Ala Gly Pro Leu Ala Pro Ser Pro Ser  
455 460 465  
Ser Gln Asn Thr Pro Leu Ala Gln Val Phe Val Pro Leu Glu Ser  
470 475 480  
Val Lys Pro Ser Ser Leu Pro Pro Leu Ile Val Tyr Asp Arg Asn  
485 490 495  
Gly Phe Arg Ile Leu Leu His Phe Ser Gln Thr Gly Ala Pro Gly  
500 505 510  
His Pro Glu Val Gln Val Leu Leu Leu Thr Met Met Ser Thr Ala  
515 520 525  
Pro Gln Pro Val Trp Asp Ile Met Phe Gln Val Ala Val Pro Lys  
530 535 540  
Ser Met Arg Val Lys Leu Gln Pro Ala Ser Ser Ser Lys Leu Pro  
545 550 555  
Ala Phe Ser Pro Leu Met Pro Pro Ala Val Ile Ser Gln Met Leu  
560 565 570  
Leu Leu Asp Asn Pro His Lys Glu Pro Ile Arg Leu Arg Tyr Lys  
575 580 585  
Leu Thr Phe Asn Gln Gly Gly Gln Pro Phe Ser Glu Val Gly Glu  
590 595 600  
Val Lys Asp Phe Pro Asp Leu Ala Val Leu Gly Ala Ala  
605 610

<210> 5

<211> 719

<212> PRT

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Incyte ID No:1856357CD1

<400> 5

Met Ser Val Asp Lys Ala Glu Leu Cys Gly Ser Leu Leu Thr Trp  
1 5 10 15  
Leu Gln Thr Phe His Val Pro Ser Pro Cys Ala Ser Pro Gln Asp  
20 25 30  
Leu Ser Ser Gly Leu Ala Val Ala Tyr Val Leu Asn Gln Ile Asp  
35 40 45  
Pro Ser Trp Phe Asn Glu Ala Trp Leu Gln Gly Ile Ser Glu Asp  
50 55 60  
Pro Gly Pro Asn Trp Lys Leu Lys Val Ser Asn Leu Lys Met Val

	65	70	75
Leu Arg Ser Leu Val Glu Tyr Ser Gln Asp Val Leu Ala His Pro			
	80	85	90
Val Ser Glu Glu His Leu Pro Asp Val Ser Leu Ile Gly Glu Phe			
	95	100	105
Ser Asp Pro Ala Glu Leu Gly Lys Leu Leu Gln Leu Val Leu Gly			
	110	115	120
Cys Ala Ile Ser Cys Glu Lys Lys Gln Asp His Ile Gln Arg Ile			
	125	130	135
Met Thr Leu Glu Glu Ser Val Gln His Val Val Met Glu Ala Ile			
	140	145	150
Gln Glu Leu Met Thr Lys Asp Thr Pro Asp Ser Leu Ser Pro Glu			
	155	160	165
Thr Tyr Gly Asn Phe Asp Ser Gln Ser Arg Arg Tyr Tyr Phe Leu			
	170	175	180
Ser Glu Glu Ala Glu Glu Gly Asp Glu Leu Gln Gln Arg Cys Leu			
	185	190	195
Asp Leu Glu Arg Gln Leu Met Leu Leu Ser Glu Glu Lys Gln Ser			
	200	205	210
Leu Ala Gln Glu Asn Ala Gly Leu Arg Glu Arg Met Gly Arg Pro			
	215	220	225
Glu Gly Glu Gly Thr Pro Gly Leu Thr Ala Lys Lys Leu Leu Leu			
	230	235	240
Leu Gln Ser Gln Leu Glu Gln Leu Gln Glu Glu Asn Phe Arg Leu			
	245	250	255
Glu Ser Gly Arg Glu Asp Glu Arg Leu Arg Cys Ala Glu Leu Glu			
	260	265	270
Arg Glu Val Ala Glu Leu Gln His Arg Asn Gln Ala Leu Thr Ser			
	275	280	285
Leu Ala Gln Glu Ala Gln Ala Leu Lys Asp Glu Met Asp Glu Leu			
	290	295	300
Arg Gln Ser Ser Glu Arg Ala Gly Gln Leu Glu Ala Thr Leu Thr			
	305	310	315
Ser Cys Arg Arg Arg Leu Gly Glu Leu Arg Glu Leu Arg Arg Gln			
	320	325	330
Val Arg Gln Leu Glu Glu Arg Asn Ala Gly His Ala Glu Arg Thr			
	335	340	345
Arg Gln Leu Glu Asp Glu Leu Arg Arg Ala Gly Ser Leu Arg Ala			
	350	355	360
Gln Leu Glu Ala Gln Arg Arg Gln Val Gln Glu Leu Gln Gly Gln			
	365	370	375
Arg Gln Glu Glu Ala Met Lys Ala Glu Lys Trp Leu Phe Glu Cys			
	380	385	390
Arg Asn Leu Glu Glu Lys Tyr Glu Ser Val Thr Lys Glu Lys Glu			
	395	400	405
Arg Leu Leu Ala Glu Arg Asp Ser Leu Arg Glu Ala Asn Glu Glu			
	410	415	420
Leu Arg Cys Ala Gln Leu Gln Pro Arg Gly Leu Thr Gln Ala Asp			
	425	430	435
Pro Ser Leu Asp Pro Thr Ser Thr Pro Val Asp Asn Leu Ala Ala			
	440	445	450
Glu Ile Leu Pro Ala Glu Leu Arg Glu Thr Leu Leu Arg Leu Gln			
	455	460	465
Leu Glu Asn Lys Arg Leu Cys Arg Gln Glu Ala Ala Asp Arg Glu			
	470	475	480
Arg Gln Glu Glu Leu Gln Arg His Leu Glu Asp Ala Asn Arg Ala			

	485		490		495
Arg His Gly Leu	Glu Thr Gln His Arg	Leu Asn Gln Gln Gln	Leu		
	500		505		510
Ser Glu Leu Arg	Ala Gln Val Glu Asp	Leu Gln Lys Ala Leu	Gln		
	515		520		525
Glu Gln Gly Gly	Lys Thr Glu Asp Ala	Ile Ser Ile Leu Leu	Lys		
	530		535		540
Arg Lys Leu Glu	Glu His Leu Gln Lys	Leu His Glu Ala Asp	Leu		
	545		550		555
Glu Leu Gln Arg	Lys Arg Glu Tyr Ile	Glu Glu Leu Glu Pro	Pro		
	560		565		570
Thr Asp Ser Ser	Thr Ala Arg Arg Ile	Glu Glu Leu Gln His	Asn		
	575		580		585
Leu Gln Lys Lys	Asp Ala Asp Leu Arg	Ala Met Glu Glu Arg	Tyr		
	590		595		600
Arg Arg Tyr Val	Asp Lys Ala Arg Met	Val Met Gln Thr Met	Glu		
	605		610		615
Pro Lys Gln Arg	Pro Ala Ala Gly Ala	Pro Pro Glu Leu His	Ser		
	620		625		630
Leu Arg Thr Gln	Leu Arg Glu Arg Asp	Val Arg Ile Arg His	Leu		
	635		640		645
Glu Met Asp Phe	Glu Lys Ser Arg Ser	Gln Arg Glu Gln Glu	Glu		
	650		655		660
Lys Leu Leu Ile	Ser Ala Trp Tyr Asn	Met Gly Met Ala Leu	Gln		
	665		670		675
Gln Arg Ala Gly	Glu Glu Arg Ala Pro	Ala His Ala Gln Ser	Phe		
	680		685		690
Leu Ala Gln Gln	Arg Leu Ala Thr Asn	Ser Arg Arg Gly Pro	Leu		
	695		700		705
Gly Arg Leu Ala	Ser Leu Asn Leu Arg	Pro Thr Asp Lys His			
	710		715		

&lt;210&gt; 6

&lt;211&gt; 175

&lt;212&gt; PRT

&lt;213&gt; Homo sapiens

&lt;220&gt;

&lt;221&gt; misc\_feature

&lt;223&gt; Incyte ID No:1871275CD1

&lt;400&gt; 6

Met Gly Ile Leu	Leu Gly Leu Leu Leu	Leu Gly His Leu Thr	Val
1	5	10	15
Asp Thr Tyr Gly	Arg Pro Ile Leu Glu	Val Pro Glu Ser Val	Thr
	20	25	30
Gly Pro Trp Lys	Gly Asp Val Asn Leu	Pro Cys Thr Tyr Asp	Pro
	35	40	45
Leu Gln Gly Tyr	Thr Gln Val Leu Val	Lys Trp Leu Val Gln	Arg
	50	55	60
Gly Ser Asp Pro	Val Thr Ile Phe Leu	Arg Asp Ser Ser Gly	Asp
	65	70	75
His Ile Gln Gln	Ala Lys Tyr Gln Gly	Arg Leu His Val Ser	His
	80	85	90
Lys Val Pro Gly	Asp Val Ser Leu Gln	Leu Ser Thr Leu Glu	Met



	95		100		105
Asp Asp Arg Ser His Tyr Thr Cys Glu Val Thr Trp Gln Thr Pro	110		115		120
Asp Gly Asn Gln Val Val Arg Asp Lys Ile Thr Glu Leu Arg Val	125		130		135
Gln Lys His Ser Ser Lys Leu Leu Lys Thr Lys Thr Glu Ala Pro	140		145		150
Thr Thr Met Thr Tyr Pro Leu Lys Ala Thr Ser Thr Val Lys Gln	155		160		165
Ser Trp Asp Trp Thr Thr Asp Met Asp Gly	170		175		

<210> 7  
 <211> 142  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte ID No:2645806CD1

Met Ala Thr Ser Leu Asp Phe Lys Thr Tyr Val Asp Gln Ala Cys		
1	5	10
Arg Ala Ala Glu Glu Phe Val Asn Ile Tyr Tyr Glu Thr Met Asp	20	25
		30
Lys Arg Arg Arg Ala Leu Thr Arg Leu Tyr Leu Asp Lys Ala Thr	35	40
		45
Leu Ile Trp Asn Gly Asn Ala Val Ser Gly Leu Asp Ala Leu Asn	50	55
		60
Asn Phe Phe Asp Thr Leu Pro Ser Ser Glu Phe Gln Val Asn Met	65	70
		75
Leu Asp Cys Gln Pro Val His Glu Gln Ala Thr Gln Ser Gln Thr	80	85
		90
Thr Val Leu Val Val Thr Ser Gly Thr Val Lys Phe Asp Gly Asn	95	100
		105
Lys Gln His Phe Phe Asn Gln Asn Phe Leu Leu Thr Ala Gln Ser	110	115
		120
Thr Pro Asn Asn Thr Val Trp Lys Ile Ala Ser Asp Cys Phe Arg	125	130
		135
Phe Gln Asp Trp Ser Ser Ser	140	

<210> 8  
 <211> 248  
 <212> PRT  
 <213> Homo sapiens

<220>  
 <221> misc\_feature  
 <223> Incyte ID No:3437773CD1

<400> 8

Met	Ser	Val	Ser	Leu	Pro	Leu	Thr	Val	Met	Val	Arg	Glu	Arg	Asp
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Trp	Ile	Gly	Ile	His	Leu	Phe	Ser	Leu	Tyr	Leu	Ser	Leu	Pro	Val
				20					25					30
Gly	Ile	Pro	Asp	Phe	Gly	Ser	Ile	Trp	Ser	Asp	Phe	Leu	Phe	Lys
				35					40					45
Phe	Leu	Val	Ile	Gly	Ser	Ala	Gly	Thr	Gly	Lys	Ser	Cys	Leu	Leu
				50					55					60
His	Gln	Phe	Ile	Glu	Asn	Lys	Phe	Lys	Gln	Asp	Ser	Asn	His	Thr
				65					70					75
Ile	Gly	Val	Glu	Phe	Gly	Ser	Arg	Val	Val	Asn	Val	Gly	Gly	Lys
				80					85					90
Thr	Val	Lys	Leu	Gln	Ile	Trp	Asp	Thr	Ala	Gly	Gln	Glu	Arg	Phe
				95					100					105
Arg	Ser	Val	Thr	Arg	Ser	Tyr	Tyr	Arg	Gly	Ala	Ala	Gly	Ala	Leu
				110					115					120
Leu	Val	Tyr	Asp	Ile	Thr	Ser	Arg	Glu	Thr	Tyr	Asn	Ser	Leu	Ala
				125					130					135
Ala	Trp	Leu	Thr	Asp	Ala	Arg	Thr	Leu	Ala	Ser	Pro	Asn	Ile	Val
				140					145					150
Val	Ile	Leu	Cys	Gly	Asn	Lys	Lys	Asp	Leu	Asp	Pro	Glu	Arg	Glu
				155					160					165
Val	Thr	Phe	Leu	Glu	Ala	Ser	Arg	Phe	Ala	Gln	Glu	Asn	Glu	Leu
				170					175					180
Met	Phe	Leu	Glu	Thr	Ser	Ala	Leu	Thr	Gly	Glu	Asn	Val	Glu	Glu
				185					190					195
Ala	Phe	Leu	Lys	Cys	Ala	Arg	Thr	Ile	Leu	Asn	Lys	Ile	Asp	Ser
				200					205					210
Gly	Glu	Leu	Asp	Pro	Glu	Arg	Met	Gly	Ser	Gly	Ile	Gln	Tyr	Gly
				215					220					225
Asp	Ala	Ser	Leu	Arg	Gln	Leu	Arg	Gln	Pro	Arg	Ser	Ala	Gln	Ala
				230					235					240
Val	Ala	Pro	Gln	Pro	Cys	Gly	Cys							
				245										

<210> 9

<211> 1630

<212> DNA

<213> Homo sapiens

<220>

<221> misc\_feature

<223> Incyte ID No:012033CB1

<400> 9

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tctgcaggaa	acgtctccac	ccaccccagc	ttgagccaac	ggcctggagg	ctctaccaag	180
tcgcattccg	agccgcagac	tccaaaagac	agccctagca	agtcgagtgc	ggaggcgcag	240
accccagaag	acaccccaaa	caagtcgggt	gcggaggcaa	agacccaaaa	agacagctcc	300
aacaagtcgg	gtgcggaggc	aaagacccaa	aaaggcagca	ctagcaagtc	gggttcggag	360
gcgcagacca	caaagacag	cactagtaag	tcgcattcgg	agctgcagac	tccaaaagac	420

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gcgagggcaa agacccaaaa agacagccct agcaagtcag gttcggaggc gcagaccaca 540
aaagatgtcc ctaataagtc gggcgcggac ggccagaccc caaaagacgg ctccagcaag 600
tcgggtgctg aggatcagac cccaaaagac gtccctaaca agtcgggtgc ggagaagcag 660
actccaaaag acggctctaa caagtccggt gcagaggagc agggcccaat agacgggccc 720
agcaagtcgg gtgcggagga gcagacctca aaagacagcc ctaacaaggt gggtccagag 780
cagccttccc ggaaagacca ttccaagccc atctccaacc cttctgataa caaggagctc 840
cccaaggctg acacaaacca gcttgctgac aaagggaagc tttctcctca tgctttcaaa 900
accgaatctg gggaggaaac tgacctcatt tctccccgcg aggaggaagt taagtcttca 960
gagcctactg aggatgtgga gcccaaagag gctgaagatg atgatacagg acccgaggag 1020
ggctcaccgc ccaaagaaga gaaagaaaag atgtccgggt ctgcctccag tgagaaccgt 1080
gaagggacac tttcggattc cacgggtagc gagaaggatg accttatcc gaacggttct 1140
ggaaatggca gcgcggagag cagccacttc tttgcatatc tggtgactgc agccattctt 1200
gtggctgtcc tctatatcgc tcatcacaac aagcggaaga tcattgcttt tgtcctggaa 1260
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